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June 15, 2011

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: May 2011 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions take in May 2011 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **May 1 through 31** – Finalized the riverbank topography and in-water bathymetry survey in the Gasco Sediments Site project area.
- **May 11** – Anchor QEA submitted a schedule update to EPA for triggering submittal of the Draft Engineering Evaluation/Cost Analysis (EE/CA) and Data Report for the Gasco Sediments Site.
- **May 16** – Anchor QEA submitted the monthly progress report to EPA.
- **May 17** – Anchor QEA completed the monthly visual monitoring of the pilot cap area.

The U.S. Environmental Protection Agency (EPA) requested specific EE/CA and Data Report submittal dates following the 90-day document development timeline and a description of the anticipated Portland Harbor Superfund Site Feasibility Study (FS) status relative to these submittal dates.

- **May 25** – Anchor QEA submitted a revised schedule (Gantt format) that summarized the schedule elements for completion of the EE/CA and Data Report, subsequent design of the EPA-approved EE/CA remedy, completion and submittal of the FS, and development of the Portland Harbor Superfund Site Record of Decision. Anchor QEA also submitted to EPA the report: Segment 2 Field Tests of the Programmable Logic Control and Variable Frequency Drive Well Pumps.
- **May 26** – The Department of State Lands (DSL) requested that Anchor QEA invite them to the EPA technical briefing on the EE/CA and Data Report.
- **May 31** – Anchor QEA requested that EPA allow DSL to attend the EE/CA and Data Report technical briefing. EPA approved of DSL attendance on June 1, 2011.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A. The field sampling results obtained during completion of the EPA-approved *Final Project AIR and Data Gaps QAPP* and subsequent EPA-approved addenda will be reported in the *Draft Engineering Evaluation/Cost Analysis and Data Report*.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the June monthly progress report.
- Completion of monthly visual monitoring of the pilot cap area.
- Data validation of the chemical analyses and receipt of the benthic toxicity results performed as part of the Project Area Identification Report data gaps retesting scope of work addendum.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

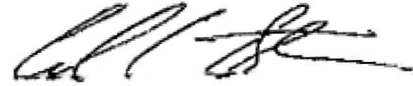
No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Tom McCue, Siltronic Corporation

Alan Gladstone and Hanne Eastwood, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, Camp Dresser McKee

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date May 17, 2011 **Project Number:** 000029-02 BG-28 Task 7b

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly(Year 5)—May2011

Time Observations Started: May 17, 2011 @ 10:00 **Time Observation Concluded:** May 17, 2011 @ 11:00

Weather Conditions: Cloudy, 50 degrees Fahrenheit, winds 0-5 knots from the north.

Wave Action Observations: Light wave action (0.1 – 0.3 feet in height)

Photographs Taken: Yes No

Tidal Conditions: Willamette River level on 05/17/2011 ranged in elevation from 13.92 to 14.98 feet. The Willamette River level during photos is approximately 14.73 feet measured at 10:30 (River Level Elevation Datum: Morrison Gage Height)

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. The shoreward extent of the cap was not visible. Due to high river water elevations, the exposed organoclay mat material observed in preceding events was not visible

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) The Fuel and Marine Marketing (FAMM) containment boom is positioned across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Due to river levels, some wooden debris has gathered along the boom. Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys and a general overview of the site shoreline are shown in Photo 2.

Other Comments: No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by: Douglas Laffoon

Photo 1 — *River level currently elevated above the extent of sediment cap (05/17/11):*



Photo 2 — *FAMM oil boom and mariner warning buoys in place across pilot cap area (05/17/11):*



Photo 3 — *Conditions immediately downriver of cap area (05/17/11):*

